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NEWS

AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association

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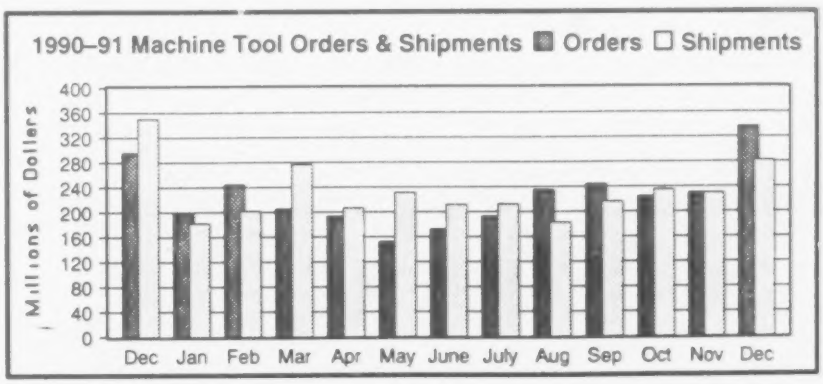
FOR RELEASE: January 27, 1992

December machine tool orders up, metal cutting highest since March '81

At $336.85 million, December machine tool orders were up 46.0% compared to November's $230.70 million, according to figures released today by AMT – The Association For Manufacturing Technology. The monthly total for metal cutting machine tools ($277.60 million) is the highest since March 1981. (Metal forming machine tool orders totaled $59.25 million in December.)

Total new orders for 1991 stood at $2,636.05 million, 11.1% less than 1990's $2,964.70 million. December 1991 orders were 13.9% above the figure for December 1990.

Machine tool shipments in December totaled $282.30 million, 22.6% above November's $230.25 million. Annual 1991 shipments were $2,673.75 million, 19% below the total for 1990. Comparing December 1991 to December 1990, shipments were down 19.5%.



"We are closing out 1991 on a positive note," said AMT President Albert W. Moore. "December was the best month for metal cutting new orders in nearly 11 years, and 1991 was the second best year ever for U.S. machine tool industry export orders." He continued, "The strength in December orders was not unexpected. It reflects the decisions by customer industries to move from the planning to the production stage. What is surprising is the breadth of the increase in order activity."

(more)

Metal Cutting

December metal cutting orders totaled $277.60 million, 71.8% higher than in November. Yearly metal cutting orders were down 8.8% compared to 1990. Comparing December 1991 to December 1990, orders were up 55.9%.

At $217.30 million, December metal cutting shipments were up 50.5% for the month. Yearly shipments were down 19.6% compared to 1990. Comparing December 1991 to the same month last year, metal cutting shipments were down 18.4%.

Metal Forming

Metal forming machine tool orders for December totaled $59.25 million, down 14.3% for the month. Compared to 1990, the 1991 metal forming order total was down 16.4%. December 1991 metal forming orders were 49.7% below the total for the same month in 1990.

At $65.00 million, December metal forming shipments were down 24.3% compared to November. Yearly 1991 metal forming shipments were down 17.4% compared to 1990. Comparing December 1991 to the same month last year, shipments were down 22.7%.

Backlog

The machine tool order backlog for December 1991 was $1,430.70 million, up from November's $1,376.15 million. The December 1990 backlog was $1,468.40 million.

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COMPARISON CHART

AMT INDUSTRY ESTIMATES

(MILLIONS OF DOLLARS)

December 1991

	Dec 91	Nov 91	% Change	Dec 91	Dec 90	%Change	YTD 91	YTD 90	% Change
METAL CUTTING									
Net New Orders									
Domestic	235.30	140.85	67.1	235.30	151.10	55.7	1,543.15	1,771.95	–12.9
Export	42.30	20.70	104.3	42.30	27.00	56.7	344.75	298.35	15.6
Total	277.60	161.55	71.8	277.60	178.10	55.9	1,887.90	2,070.30	–8.8
Shipments									
Domestic	183.20	118.70	54.3	183.20	209.95	–12.7	1,596.90	2,004.45	–20.3
Export	34.10	25.65	32.9	34.10	56.50	–39.6	275.20	325.15	–15.4
Total	217.30	144.35	50.5	217.30	266.45	–18.4	1,872.10	2,329.60	–19.6
METAL FORMING									
Net New Orders									
Domestic	43.45	41.35	5.1	43.45	102.25	–57.5	546.35	760.55	–28.2
Export	15.80	27.80	–43.2	15.80	15.45	2.3	201.80	133.85	50.8
Total	59.25	69.15	–14.3	59.25	117.70	–49.7	748.15	894.40	–16.4
Shipments									
Domestic	52.90	76.90	–31.2	52.90	77.20	–31.5	624.60	851.10	–26.6
Export	12.10	9.00	34.4	12.10	6.85	76.6	177.05	119.20	48.5
Total	65.00	85.90	–24.3	65.00	84.05	–22.7	801.65	970.30	–17.4
TOTAL CUTTING & FORMING									
Net New Orders									
Domestic	278.75	182.20	53.0	278.75	253.35	10.0	2,089.50	2,532.50	–17.5
Export	58.10	48.50	19.8	58.10	42.45	36.9	546.55	432.20	26.5
Total	336.85	230.70	46.0	336.85	295.80	13.9	2,636.05	2,964.70	–11.1
Shipments									
Domestic	236.10	195.60	20.7	236.10	287.15	–17.8	2,221.50	2,855.55	–22.2
Export	46.20	34.65	33.3	46.20	63.35	–27.1	452.25	444.35	1.8
Total	282.30	230.25	22.6	282.30	350.50	–19.5	2,673.75	3,299.90	–19.0

Source: AMT – The Association For Manufacturing Technology

AMT INDUSTRY ESTIMATES

December 1991

MACHINE TOOLS – CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

DATE	NET NEW ORDERS			Order Backlog	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Export	Total		Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	2,532.50	432.20	2,964.70	1,468.40	2,855.55	444.35	3,299.90	2,641.25	459.85	3,101.10	108.75	27.65	136.40
1991													
JAN	167.00	32.85	199.85	1,485.70	154.25	28.30	182.55	176.75	40.00	216.75	9.75	7.15	16.90
FEB	165.10	80.05	245.15	1,526.70	168.25	33.90	202.15	175.15	81.10	256.25	10.05	1.05	11.10
MAR	158.65	46.80	205.45	1,457.30	234.80	42.05	276.85	169.60	48.10	217.70	10.95	1.30	12.25
APR	147.25	46.45	193.70	1,443.95	173.60	33.45	207.05	153.55	48.10	201.65	6.30	1.65	7.95
MAY	131.50	21.50	153.00	1,365.10	201.85	30.00	231.85	140.60	21.60	162.20	9.10	0.10	9.20
JUN	112.75	60.15	172.90	1,325.85	151.45	60.70	212.15	118.45	60.65	179.10	5.70	0.50	6.20
JUL	150.15	43.10	193.25	1,306.30	172.35	40.45	212.80	159.25	44.95	204.20	9.10	1.85	10.95
AUG	204.35	31.40	235.75	1,358.70	152.60	30.75	183.35	207.45	31.55	239.00	3.10	0.15	3.25
SEP	206.55	38.25	244.80	1,386.80	176.95	39.75	216.70	210.40	39.80	250.20	3.85	1.55	5.40
OCT	185.25	39.40	224.65	1,375.70	203.70	32.05	235.75	199.45	45.30	244.75	14.20	5.90	20.10
NOV (R)	182.20	48.50	230.70	1,376.15	195.60	34.65	230.25	188.40	49.35	237.75	6.20	0.85	7.05
DEC (P)	278.75	58.10	336.85	1,430.70	236.10	46.20	282.30	294.95	61.25	356.20	16.20	3.15	19.35
TOTALS	2,089.50	546.55	2,636.05		2,221.50	452.25	2,673.75	2,194.00	571.75	2,765.75	104.50	25.20	129.70

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

December 1991

METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	1,771.95	298.35	2,070.30	1,164.00	2,004.45	325.15	2,329.60	1,867.25	318.45	2,185.70	95.30	20.10	115.40
1991													
JAN	107.20	22.85	130.05	1,183.25	93.25	17.55	110.80	115.90	29.95	145.85	8.70	7.10	15.80
FEB	113.80	72.45	186.25	1,236.35	109.45	23.70	133.15	123.40	73.45	196.85	9.60	1.00	10.60
MAR	127.20	26.35	153.55	1,216.05	148.75	25.10	173.85	137.05	27.55	164.60	9.85	1.20	11.05
APR	109.95	26.50	136.45	1,207.15	126.55	18.80	145.35	114.10	28.10	142.20	4.15	1.60	5.75
MAY	96.45	13.15	109.60	1,142.90	157.25	16.60	173.85	104.35	13.20	117.55	7.90	0.05	7.95
JUN	87.70	43.25	130.95	1,131.25	104.30	38.30	142.60	92.95	43.70	136.65	5.25	0.45	5.70
JUL	123.25	22.35	145.60	1,127.45	137.35	12.05	149.40	131.25	22.40	153.65	8.00	0.05	8.05
AUG	117.30	9.10	126.40	1,116.50	121.85	15.50	137.35	120.15	9.15	129.30	2.85	0.05	2.90
SEP	150.25	23.80	174.05	1,123.75	140.90	25.90	166.80	154.00	23.85	177.85	3.75	0.05	3.80
OCT	133.90	21.95	155.85	1,102.30	155.35	21.95	177.30	147.55	27.80	175.35	13.65	5.85	19.50
NOV (R)	140.85	20.70	161.55	1,119.50	118.70	25.65	144.35	145.90	21.30	167.20	5.05	0.60	5.65
DEC (P)	235.30	42.30	277.60	1,179.80	183.20	34.10	217.30	248.60	45.40	294.00	13.30	3.10	16.40
TOTALS	1,543.15	344.75	1,887.90		1,596.90	275.20	1,872.10	1,635.20	365.85	2,001.05	92.05	21.10	113.15

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

AMT INDUSTRY ESTIMATES

December 1991

METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions Of Dollars)

	NET NEW ORDERS			Order	SHIPMENTS			GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Export	Total	Backlog	Domestic	Export	Total	Domestic	Export	Total	Domestic	Export	Total
1990	760.55	133.85	894.40	304.40	851.10	119.20	970.30	774.00	141.40	915.40	13.45	7.55	21.00
1991													
JAN	59.80	10.00	69.80	302.45	61.00	10.75	71.75	60.85	10.05	70.90	1.05	0.05	1.10
FEB	51.30	7.60	58.90	292.35	58.80	10.20	69.00	51.75	7.65	59.40	0.45	0.05	0.50
MAR	31.45	20.45	51.90	241.25	86.05	16.95	103.00	32.55	20.55	53.10	1.10	0.10	1.20
APR	37.30	19.95	57.25	236.80	47.05	14.65	61.70	39.45	20.00	59.45	2.15	0.05	2.20
MAY	35.05	8.35	43.40	222.20	44.60	13.40	58.00	36.25	8.40	44.65	1.20	0.05	1.25
JUN	25.05	16.90	41.95	194.60	47.15	22.40	69.55	25.50	16.95	42.45	0.45	0.05	0.50
JUL	26.90	20.75	47.65	178.85	35.00	28.40	63.40	28.00	22.55	50.55	1.10	1.80	2.90
AUG	87.05	22.30	109.35	242.20	30.75	15.25	46.00	87.30	22.40	109.70	0.25	0.10	0.35
SEP	56.30	14.45	70.75	263.05	36.05	13.85	49.90	56.40	15.95	72.35	0.10	1.50	1.60
OCT	51.35	17.45	68.80	273.40	48.35	10.10	58.45	51.90	17.50	69.40	0.55	0.05	0.60
NOV (R)	41.35	27.80	69.15	256.65	76.90	9.00	85.90	42.50	28.05	70.55	1.15	0.25	1.40
DEC (P)	43.45	15.80	59.25	250.90	52.90	12.10	65.00	46.35	15.85	62.20	2.90	0.05	2.95
TOTALS	546.35	201.80	748.15		624.60	177.05	801.65	558.80	205.90	764.70	12.45	4.10	16.55

Source: AMT – The Association For Manufacturing Technology

P – preliminary R – revised

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

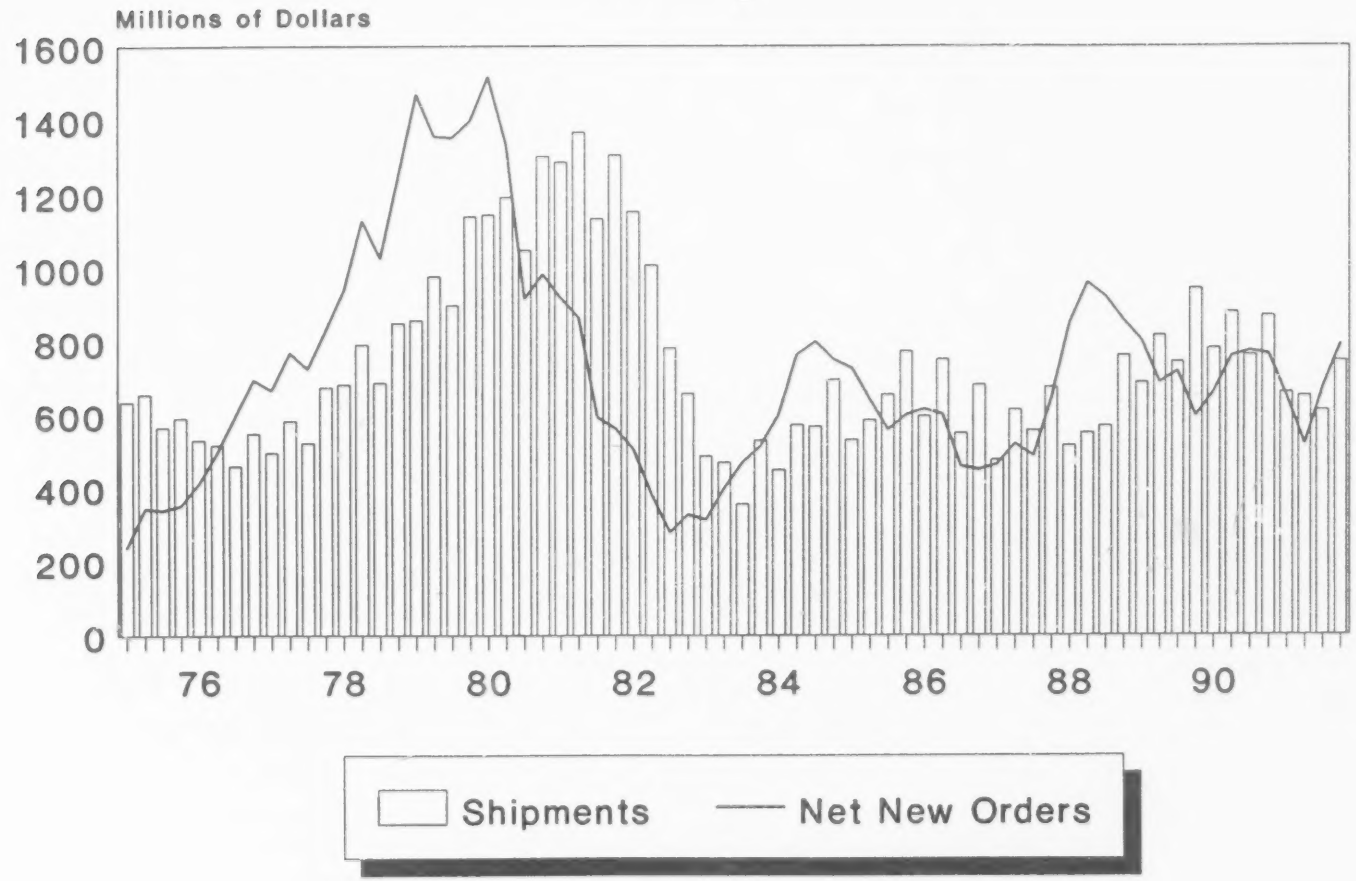
(Dollar Figures in Thousands)
1985 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 674,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3	763,650	92,550	775,400	507,500	59,350	584,450	256,150	33,200	190,950
4	871,700	138,450	766,650	637,450	102,000	497,150	234,250	36,450	269,500
Total	$3,299,900	$444,350	$2,964,700	$2,329,600	$325,150	$2,070,300	$ 970,300	$ 119,200	$ 894,400
1991-1	$ 661,550	$104,250	$ 650,450	$ 417,800	$ 66,350	$ 469,850	$ 243,750	$ 37,900	$ 180,600
2	651,050	124,150	519,600	461,800	73,700	377,000	189,250	50,450	142,600
3	612,850	110,950	673,800	453,550	53,450	446,050	159,300	57,500	227,750
4P	748,300	112,900	792,200	538,950	81,700	595,000	209,350	31,200	197,200
Total	$2,673,750	$452,250	$2,636,050	$1,872,100	$275,200	$1,887,900	$ 801,650	$ 177,050	$ 748,150

P - Preliminary
Source: AMT - The Association For Manufacturing Technology

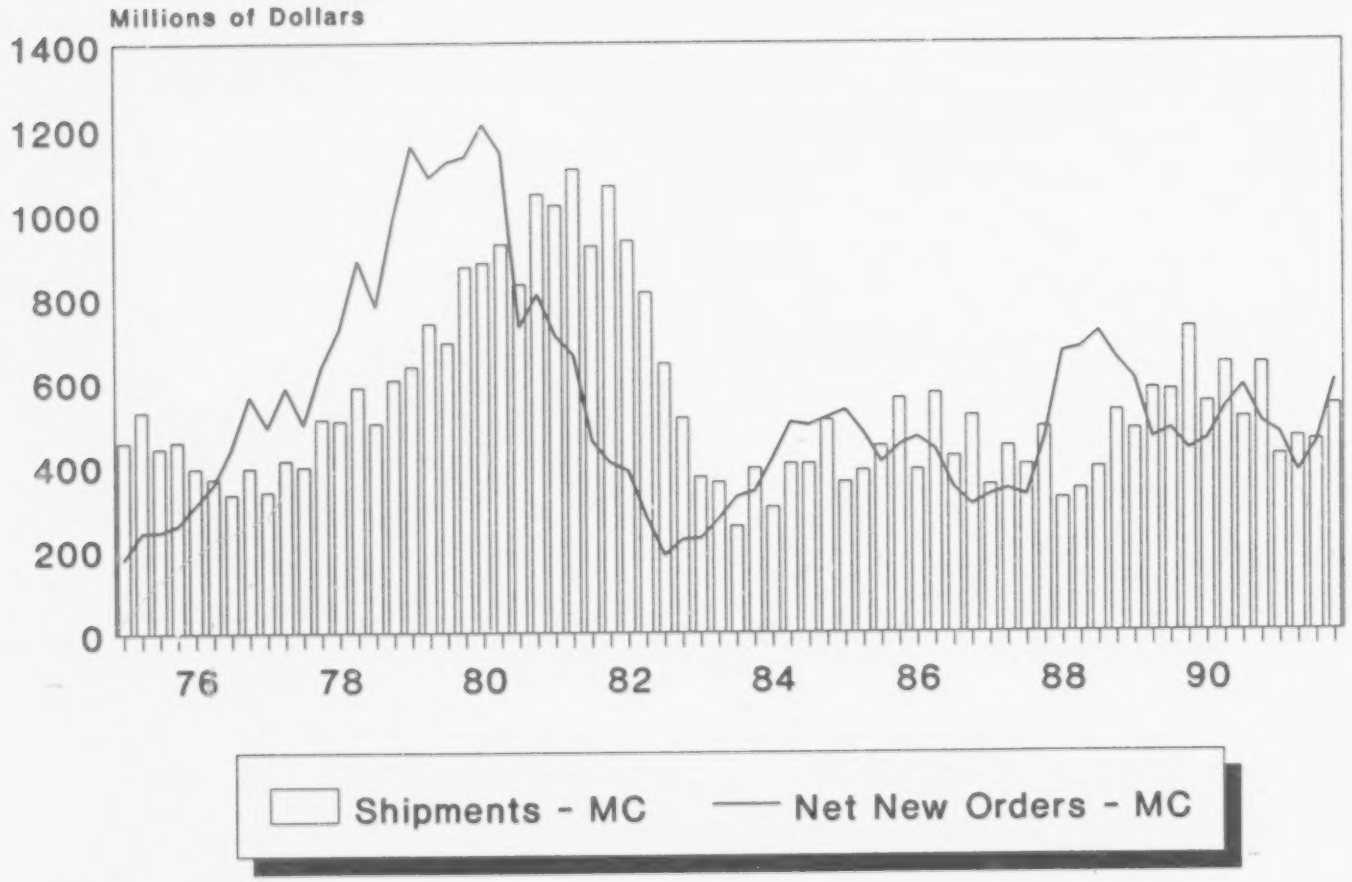
January 27, 1992

Total Machine Tools
Shipments and Net New Orders, Quarterly



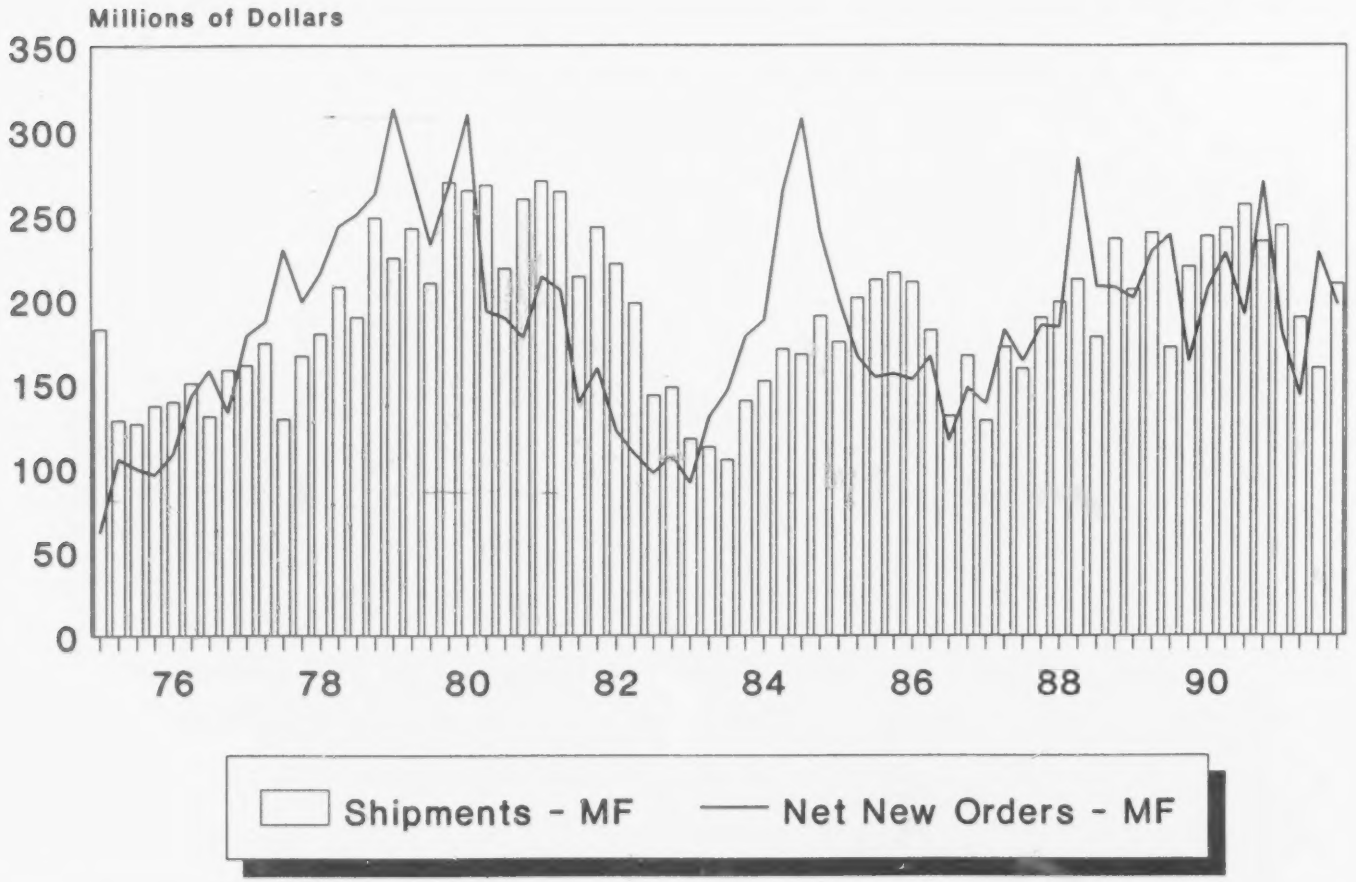
Compiled by AMT

Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Compiled by AMT

Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



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